

Converting Colors

Hex(CC1002)

Have a look what the booklet for
Hex(CC1002) contains.

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Color

Hex(CC1002)

Conversions

Conversions Part 1

Format	Color
Hex	CC1002
RGB	204, 16, 2
RGB Percent	80%, 6%, 1%
CMY	0.2000, 0.9373, 0.9922
CMYK	0.00, 0.92, 0.99, 0.20
HSL	4°, 98%, 40%
HSV	4°, 99%, 80%
XYZ	25.0981, 13.2123, 1.2849
YIQ	70.6160, 116.5420, 35.5020

Conversions

Conversions Part 2

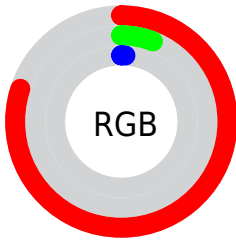
Format	Color
RYB	204, 17, 2
Decimal	13373442
CIELab	43.08, 66.12, 56.33
CIELCh	43, 86.860, 40.431
Yxy	13.2123, 0.6339, 0.3337
Android (android.graphics.Color)	4291563522 (0xFFCC1002)
YUV	70.6160, -33.8277, 116.9778
Hunter-Lab	36.3488, 59.6403, 23.3484

Details

The Hex color **CC1002** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **02BECC**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5937**, and **8B0000** is the 20% darker color. If you saturate the color by 10%, you get **CC0E00**, and if you desaturate by 10%, it is **CC2316**.

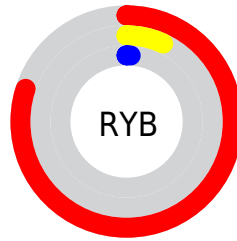
Distribution



Red (80%)

Green (6%)

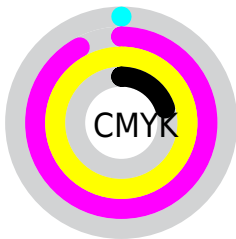
Blue (1%)



Red (80%)

Yellow (7%)

Blue (1%)

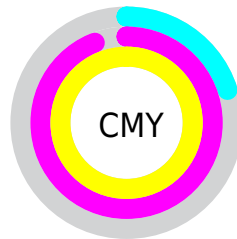


Cyan (0%)

Magenta (92%)

Yellow (99%)

Black (20%)



Cyan (20%)

Magenta (94%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC1002 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color CC1002 by changing the saturation by 10% instead.

 CC1002

 CC1002

 FFFFF1

 AC0000

 FF5937

 8B0000

 FF774F

 6C0000

 FF9368

 4E0002

 FFB082

 2F0002

 FFCE9D

 000000

 FFEBB8

 FFFF4D

 CC1002

 CC1002

■ CC0E00

■ CC2316

■ CC362B

■ CC493F

■ CC5C54

■ CC6F68

■ CC827C

■ CC9591

■ CCA8A5

■ CCBBBA

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DD0051



CC1002



A25000

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CC1002



007F31



0068F7

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



CC1002



02BECC

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007BF0



CC1002



00817E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CC1002



007900



0081C3



8041D5

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CC1002



7C6400



0081C3



0070F9

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



CC1002



FFB8B3



CC02BF



805552



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



CC1002



FF1200



CC7402



665D5C



A60B00



260300

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



02BECC



00EDFF



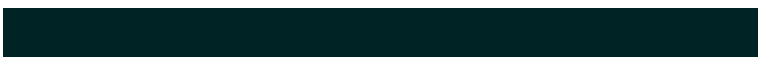
025ACC



5C6566



009AA6



002426

Previews

White Background



This preview shows how the Hex color CC1002 looks on a white background.

Color Contrast Check

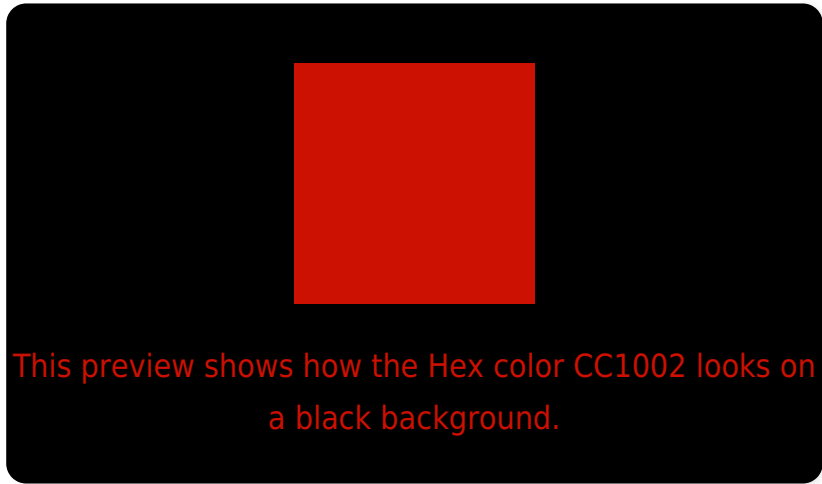
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CC1002 Background



This preview shows how black text looks on a background with the Hex color CC1002.



This preview shows how white text looks on a background with the Hex color CC1002.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
CC1002

Protanopia
74681A

Tritanopia
CC1200

Trichromacy



Original Color
CC1002

Protanomaly
944811

Tritanomaly
CC1101

Monochromacy



Original Color
CC1002

Achromatopsia
474747

Achromatomaly
77332E

CSS Examples

Text

The CSS property to change the color of the text to Hex CC1002 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #CC1002 looks like.

```
.text, #text, p{  
    color:#CC1002  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #CC1002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC1002
}
```

Border

The CSS property to change the border of an element to Hex CC1002 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

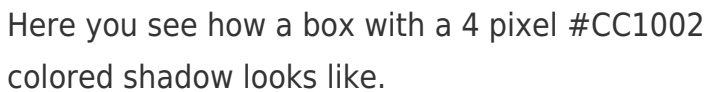
```
.border, #border, table{ border:4px solid
#CC1002 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#CC1002 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #CC1002 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC1002; -webkit-box-shadow:4px 4px  
4px 4px #CC1002; box-shadow:4px 4px 4px  
4px #CC1002 }
```

Background

The CSS property to change the background color of an element to Hex CC1002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC1002 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#CC1002 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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